X SERIES

X20.

Rolling & Joy

Easy Wheel, Easy Control, Easy Adaptable
Plays music, video, photos and more

Launching - Feb, 2007

Model variation
X20 2GB, 4GB, 8GB

Color variation
White / Black

- Easy access based on Wheel Navigation System
- QVGA Color LCD with dynamic GUI
  (2.2 inch TFT-LCD)
- Music : Plays up to 22 hours/Video : Plays up to 6 hours
- Supports music file such as MP3,WMA and OGG Q10
- Built-in SD-Card Slot
- FM radio and FM recording reservation
- Photo album (File Type : JPG*)
- Movie player**
- Voice recording
- Direct Encoding & Line in
- USB 2.0, Ultra Fast Data Transfer
- Easy synchronization on iriver plus 3,WMP10,WMP11
- Firmware Upgradable

* The Progressive JPG is not supported.
** MPEG4 sp, WMV9 sp (15-30ftp)

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Detailed Specification		
Series		iriver X Series
Product		X20
Models in the X20 Capacity		X20 2GB, 4GB, 8GB*
General	Continuous Playback Time	22 hours(MP3, 128kbps, 44.1kHz, EQ Normal, Vol 20, LCD Off) 6hours(avi, 320x240@30fps, video : 512kbps, Audio : MP3, 128kbps, 44.1kHz)
	Connection Type	USB 2.0
	Equalizer	Normal, Rock, Jazz, Classic, Pops, CustomEQ(5 band)
	Dimensions	Approx. 98.5 X 49.0 X 14.8mm
	Weight	Approx. 71g
	Operational Temperature	-5℃ ~ 40℃
	Line In/Out&Direct Encoding	Line In & Direct Encoding
Display	Main Set Display	2.2inch QVGA TFT LCD (320x240)
Power Supply	AC Adaptor	DC 5V/1A (optional)
	Battery	Built-in Lithium ion Rechargeable Battery
Audio	Frequency Range	20Hz~20kHz
	Headphone Output Power	13mW + 13mW
	S/N Ratio	90dB
	No. Channels	Stereo (L+R)
FM Tuner	Frequency Range	KR,US,EU : 87.5MHz ~ 108MHz, JP : 76MHz ~ 108MHz
	S/N Ratio	60dB
	Antenna	Headphone / Earphone-Cord Antenna
Audio Support	Audio File Type	MPEG 1/2/2.5 Layer 3, WMA, OGG
	Bit Rate	MP3 : 5kbps ~ 320kbps / WMA : 8kbps ~ 320kbps / OGG : Up to Q10
	Tag	ID3 V1 Tag, ID3 V2 2.0, ID3 V2 3.0
MultiMedia Support	File Type	AVI, WMV, JPEG
	Video Support	MPEG4 SP, WMV SP/320x240/15-30fps/Video Bit rate:32-512kbps/Audio Bit rate:8-320kbps
O/S	Windows requirement	Windows 98SE/ME/2000/XP (MTP version : only XP)

www.iriver.com

* 1GB=1,000MB = 1,000,000,000Byte. Not all memory space available for file storage.

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